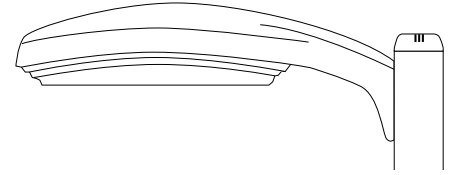


Notes: _____ Job: _____
 Type: _____

GULLWING

G13 AREA LUMINAIRE



GENERAL DESCRIPTION: The Gardco Gullwing is an area luminaire defined by its sleek profile and rugged construction. The housing is one-piece, die cast aluminum and mounts directly to a pole or wall without the need of a separate support arm. The multifaceted arc-image duplicating optical systems provide IES Types II, III, and IV distributions. The door frame is single-piece die cast aluminum and retains an optically clear tempered flat glass lens. The luminaire is completely sealed and gasketed preventing intrusion from moisture, dust and insects. The Gullwing luminaires are finished with a fade and abrasion resistant TGIC powdercoat.

CUTOFF PERFORMANCE: Flat glass lens luminaires provide full cutoff performance. Sag lens luminaires provide cutoff performance.

ORDERING

PREFIX	CONFIGURATION	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS
<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>

Enter the order code into the appropriate box above. Note: Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

PREFIX

- G13** 13" Gullwing Luminaire
- G13EMC** 13" Gullwing Luminaire
Emergency Cold Temperature
*Available with (2) 32TRF lamps and MTS optics only.
(1) 32TRF operates in emergency mode.*

CONFIGURATION

- 1** Single Assembly **3@120** Triple at 120°
- 2** Twin Assembly **4** Quad Assembly
- 2@90** Twin Assembly at 90° **W** Wall Mount, Recessed J-Box
- 3** Triple at 90° **WS** Wall Mount, Surface Conduit

DISTRIBUTION

- 2XL** Type II, Horizontal Lamp **3XL** Type III, Horizontal Lamp **4XL** Type IV, Horizontal Lamp **MTS** Medium Throw with Solite® Lens
Fluorescent Lamps Only.

WATTAGE and VOLTAGE

Lamp	Voltage					
	120	208	240	277	347	480
E17 - HID						
50MH	•			•		
70MH	•	•	•	•	•	
100MH	•	•	•	•	•	•
150MH	•	•	•	•	•	
175MH	•	•	•	•	•	•
70CMHE ¹		UNIV ¹				
100CMHE ¹		UNIV ¹				
150CMHE ¹		UNIV ¹				
50HPS	•			•		
70HPS	•	•	•	•	•	•
100HPS	•	•	•	•	•	•
150HPS	•	•	•	•	•	•

Lamp	Voltage					
	120	208	240	277	347	480
Fluorescent (MTS Optics Only)						
(2)60CF ^{1,2}	UNIV ¹					
(3)32TRF ^{1,3}	UNIV ¹			•		
(3)42TRF ^{1,3}	UNIV ¹				•	

- Notes:**
- Fluorescent and CMHE ballasts accept 120V through 277V, 50hz to 60hz, input. Specify "UNIV" for 120V through 277V.
 - Lamp starting temperature is -22° F / -30° C.
 - Lamp starting temperature is 0° F / 18° C.
 - For emergency mode lumen output see submittal data sheet 79115-155 - "Gardco Emergency Light Output Information."
 - (1) lamp operates in emergency mode.

Lamp	Voltage					
	120	208	240	277	347	480
Fluorescent (MTS Optics Only)						
(2)32TRF ^{3,5}	•			•		

Combinations marked with a dot or shown with "UNIV" are available for ordering.
 MH Metal Halide CF Compact Fluorescent
 HPS High Pressure Sodium TRF Triple Tube Fluorescent
 CMHE Ceramic MH with Electronic Ballast

FINISH

- BRP** Bronze Paint **OC** Optional Color Paint
Specify Optional Color or RAL ex: OC-LGP or OC-RAL7024.
- BLP** Black Paint
- WP** White Paint **SC** Special Color Paint
Specify. Must supply color chip.
- NP** Natural Aluminum Paint

OPTIONS

- F** Fusing *In Head.*
- LF** In-Line/In-Pole Fusing
- PC** Photocontrol and Receptacle
N/A with 480V.
- PCR** Photocontrol Receptacle only
- POLY** Polycarbonate Sag Lens *100w HID max.*
- HS** Internal Houseside Shield
- QS⁶** Quartz Standby
- QST⁶** Quartz Standby - Timed Delay
*6. 100w Quartz lamp max.
Not available with Fluorescent, EMC or CMHE types.*

- PTF2** Pole Top Fitter - 2 3/8" - 3" Dia. Tenon
- PTF3** Pole Top Fitter - 3" - 3 1/2" Dia. Tenon
- PTF4** Pole Top Fitter - 3 1/2" - 4" Dia. Tenon
- SPA** Square Pole Adaptor
Required for Straight square poles.
- TR1⁷** Single Transition
- TR2⁷** Twin Transition
7. Mounts to a 2-3/8" Top Tenon. Specify a pole with 3.00" top OD for a smooth transition
- MF** Mast Arm Fitter *Slips over a standard 2-3/8" davit arm.*

Gardco Lighting reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program. The Gullwing design is protected by U.S. patent number DES.391.659. The XL optical system is protected by U.S. patent number 5690422.

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 1611 Clovis Barker Road (512) 753-1000
 San Marcos, TX 78666 FAX: (512) 753-7855
www.sitelighting.com



GULLWING

G13 AREA LUMINAIRES

SPECIFICATIONS

GENERAL DESCRIPTION: The Gardco Gullwing is an area luminaire defined by its sleek profile and rugged construction. The housing is one-piece, die cast aluminum and mounts directly to a pole or wall without the need of a separate support arm. The multifaceted arc-image duplicating optical systems provide IES Types II, III, and IV distributions. The door frame is single-piece diecast aluminum and retains an optically clear tempered flat glass lens. The luminaire is completely sealed and gasketed preventing intrusion from moisture, dust and insects. The Gullwing luminaires are finished with a fade and abrasion resistant TGIC powdercoat.

HOUSING: A one-piece die cast aluminum housing mounts directly to a pole or wall without the need for a support arm. The low profile rounded form reduces the effective projected area of the luminaire to only .8 ft²/.07m².

LENS ASSEMBLY: A single-piece die cast aluminum lens frame hinges down from the housing and is secured by a stainless steel lanyard and hinge pin. An optically clear, heat and impact resistant tempered flat glass lens is mechanically secured with six retainers. The electrical and optical chambers are thoroughly sealed with a one-piece memory retentive hollow-core EPDM gasket to prevent intrusion by moisture, dust, and insects.

OPTICAL SYSTEMS: The segmented optical systems are manufactured from homogenous sheet aluminum which has been electrochemically brightened, anodized and sealed. The multifaceted arc image duplicating systems are designed to produce IES Types II (2XL), III (3XL), and IV (4XL). The reflector facets form a conical fan around the arc tube with each facet positioned to be precisely tangent to the top of the arc tube. The lampholder is glazed porcelain with a nickel plated screw shell. HID luminaires feature porcelain medium base lampholders.

Fluorescent luminaires use a Medium Throw reflector with a Solite® glass lens (MTS). Solite® is a Registered Trademark of AFG Industries.

EMC Luminaires: In the event of power interruption, integral battery pack will power (1) 32W compact fluorescent lamp at reduced light levels for a minimum of 90 minutes. Maintenance free battery is rated for ambient temperatures down -4°F/-20°C. Indicator light is visible through the lens. A test switch is accessible through the door assembly. EMC units do not bear CUL label.

ELECTRICAL: All electrical components are UL recognized, factory tested, and mounted on a unitized plate with quick electrical disconnects. Each HID high power factor ballast is capable of providing reliable lamp starting down to -20°F/-29°C. Standard fluorescent ballasts are solid state.

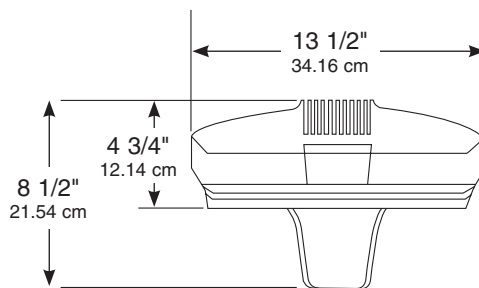
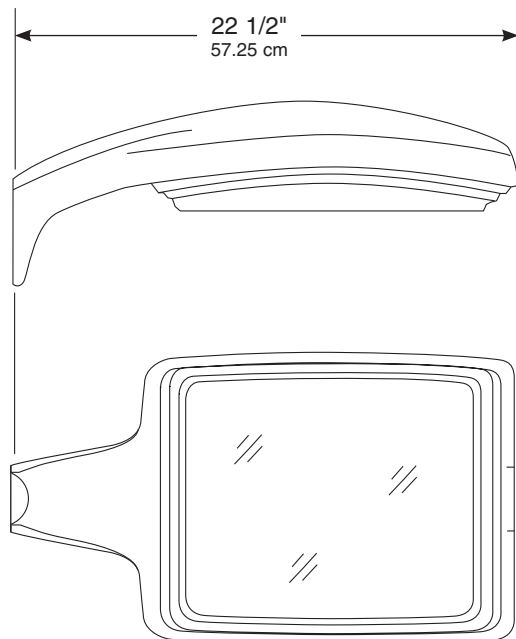
FINISH: Each standard color luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors include bronze (BRP), black (BLP), white (WP), and natural aluminum (NP). Consult factory for specs on optional or custom colors.

LABELS: All luminaires bear UL or CUL (where applicable) Wet Location labels.

FULL CUTOFF PERFORMANCE: Full cutoff performance means a luminaire distribution where zero candela intensity occurs at an angle of 90° above nadir. Additionally, the candela per 1000 lamp lumens does not numerically exceed 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

CUTOFF PERFORMANCE: Cutoff performance means a luminaire distribution where the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle at or above 90° above nadir, and 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

DIMENSIONS



EPA		
1	2	3-4
.8 ft ²	1.6 ft ²	2.2 ft ²
.07 m ²	.15 m ²	.20 m ²

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Genlyte Group

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